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PTO/SB/08A (08-00)

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		10/531.712	
				Filing Date		Herewith 4/18/05	
				First Named Inventor		ARAKAWA	
				Group Art Unit		2831	
				Examiner Name		MAYO	
Sheet	1	of	1	Attorney Docket Number		05258/LH	

U.S. PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No ¹	Office ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
WAT ↓ WAT		JP	6-215638	A	HATA	08-05-1994	—	X*
		JP	2000-082343	A	ASANO ET AL	03-21-2000		X*
		JP	11-113702	A	ARAKAWA	04-27-1999		X*
		JP	61-112511	A		05-30-1986		
		JP	62-66553	U		04-24-1987		
		JP	64-47256	U		03-23-1989		
		JP	63-184915	U		11-28-1988		
		JP	8-017247	A	TANABE ET AL	01-19-1996		X*
		JP	60-153432	U		10-12-1985		
		JP	8-129905	A	MUNAKATA	05-21-1996		X*

*includes English abstract.

Examiner Signature		Date Considered	3/15/07
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² Unique citation designation number. ³ See kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Place a check here if English translation is attached.

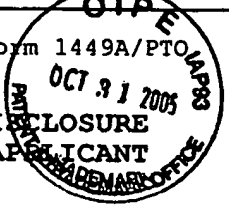
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PTO/SB/08A (08-00)


U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT 				Application Number	10/531,712
				Filing Date	April 18, 2005
				First Named Inventor	Hideo ARAKAWA
				Group Art Unit	2841 2831
				Examiner Name	MAYO
Sheet	1	of	2	Attorney Docket Number	05258/LH

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Exam. Inits ¹	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Inits ¹	Cite No ¹	offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP	61-112511	A	MEITOU DENKI KOJI KK	05-30-1986	—	
		JP	06-215638	A	SUMITOMO ELECTRIC INDUSTRIES LTD.	08-05-1994	↓	
		JP	10-184814	A	YASUO MATSUDA	07-14-1998		
		JP	2000-82343	A	FUJIKARA LTD.; THE TOKYO ELECTRIC POWER CO. LTD.	03-21-2000	—	

Examiner Signature		Date Considered	2/15/07
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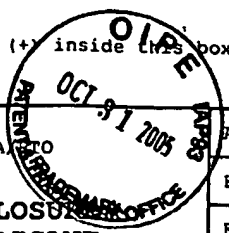
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Substitute for Form 1449A, PTO				Application Number		10/531,712	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date		April 18, 2005	
				First Named Inventor		Hideo ARAKAWA	
				Group Art Unit		2831	
				Examiner Name		MARSH 15, 2007	
Sheet	2	of	2	Attorney Docket Number		05258/LH	

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
WJH/MTT		Microfilm of the specification and drawings attached to the Japanese Utility Model Application No. 151778/1986 (Laid-Open No. 66553/1987) (Tejiro MATSUDA); 24 April 1987.	
		Microfilm of the specification and drawings attached to the Japanese Utility Model Application No. 141696/1987 (Laid-Open No. 47256/1989) (ARAKAWA GIKEN KOGYO KABUSHIKI KAISHA); 23 March 1989.	
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